

Patent Claims

1. A disc brake, in particular for a utility vehicle,
having a brake caliper (2) which surrounds a brake disc
5 (1) and is attached to a brake carrier (2) of the
utility vehicle (1) so as to be axially displaceable
with respect to the brake disc (1) by means of two
attachment elements, with one attachment element being
embodied as a fixed bearing (4) and the other being
10 embodied as a loose bearing (5) with a sliding bushing
(6) which is inserted into a bore in the brake caliper
(2) and whose internal contour and/or external contour
deviates from the circular shape, and a guide bar (8)
which is, for example, round in cross section is guided
15 in the sliding bushing (6), characterized in that the
sliding bushing (6) of the loose bearing (5) is
provided with at least one securing element (10) which,
when the sliding bushing (6) is mounted in a precisely
positioned fashion, is inserted into a recess (11) of
20 the bore in such a way that it seems said sliding brush
(6).

2. The disc brake as claimed in claim 1,
characterized in that the securing element (10) is
25 composed of at least one securing clip (12, 13) which
is pressed into the recess (11) as a component of the
sliding bushing (6) under plastic deformation.

3. The disc brake as claimed in claim 2,
30 characterized in that in the position of use the
securing clip (13) has a convex outer contour.

4. The disc brake as claimed in claim 2,
characterized in that two securing clips (12) which are
35 each inserted into the recess (11) in the position of
use are provided.

5. The disc brake as claimed in one of claims 1 to 4, characterized in that in the out of use position the securing element (10) projects into a region of the inner bore (9), which region is defined by the cross
5 section of the inserted guide sleeve (8).

6. The disc brake as claimed in one of claims 1 to 4, characterized in that in a position of use in which the securing element (10) is inserted into the recess (11)
10 it lies outside the region defined by the cross section of the inserted guide bar (8).

7. The disc brake as claimed in one of claims 1 to 6, characterized in that the securing element (10) is, for
15 the rest, connected integrally to the sliding bushing (6).

8. The disc brake as claimed in claim 1, characterized in that the securing element (10) is
20 inserted into the recess (11) in a positively locking fashion.

9. The disc brake as claimed in claim 8, characterized in that the sliding bushing (6) is
25 secured against axial and rotational movement by inserting the securing element (10) into the recess (11).

10. The disc brake as claimed in one of claims 1 to 9, characterized in that, in order to form the securing
30 element (10), the sliding bushing (6) has at least one slit (14) extending in at least in one of its two edge regions, and the securing element (10) is manufactured by deforming the region formed between the outer end
35 side and the slit (14).

11. The disc brake as claimed in one of claims 1 to

10, characterized in that the securing element (10) is arranged in the region of the wall of the sliding bushing (6) which has the greatest cross-sectional dimension of the inner bore (9).